Microsoft PLR 4-2, Exhibit C: Mini Markman Preliminary Claim Construction - Claim Phrases

Cialm Phrase	Microsoft's Preliminary Construction
193:1	Claim as a Whole: The recited method is performed within a VDE.
receiving a digital file including music	1. This claim language falls within 35 U.S.C. § 112, ¶ 6. It recites a step or result ("receiving") without reciting an action that achieves that result.  The specification does not clearly link any particular action to this recited step. Part of the recited function is performed by Communications  Controller 666, UO Controller 600, SPE 503/SPU 500 (particularly "SPU Fnervarian December 500).
	<ol> <li>The qualifier "including music" recites a non-functional descriptive material and is not a patentable limitation.</li> <li>The recited function requires: obtaining a VDE secure container encapsulating a digital file, authenticating the intended recipient in accordance with the secure container, and accordance material.</li> </ol>
a budget specifying the number of copies which can be made of said digital file	
controlling the copies made of said digital file	1. Controlling uses of and accesses to all copies of the digital file, by all users, processes, and devices, by executing each of the recited "at least one" copy control(s) within VDE Secure Processing Environment(s). Each control governs (controls) only one action, which action may or may not differ among the different "at least one" controls. All uses and accesses are prohibited and incapable of occurring except to the extent allowed by the "at least one" copy control(s).
determining whether said digital file may be copied and stored on a second device based on at least said copy control	1. Determining whether this particular first device is allowed to perform both of the following actions on this particular digital file: (1) copy it and (2) store it (as opposed to a copy of it) on a second device, by executing one or more VDE control(s) (including "said" copy control associated with this digital file) within VDE Secure Processing Environment(s). To the extent that either of these two actions is not determined by this step to be permissible, that action is absolutely prohibited and incapable of occurring, and no user, process or device can perform it on this digital file.

'683 patents, effectively for claim construction purposes. If the Court concludes otherwise, then the proper constructions will be different in some cases. Bolded terms are preliminarily defined in Exhibits A-C of Microsoft's PLR 4-2 papers. describe an actual working system having any of these capabilities. Also, Microsoft's proposed constructions use many terms from the InterTrust patents that are used inconsistently or otherwise indefinitely in the patents. Those terms are used by Microsoft in their narrowest applicable sense, and without waiving the right to assert the indefiniteness of this claim language. Also, the preliminary constructions assume (without conceding) that the February, 1995, InterTrust patent application was incorporated by reference into the '721, '861, and described as the alleged invention. Also, features and capabilities are described as they are described in the InterTrust patent application, even though the patent application did not The word "invention" is used not to suggest that anything described in InterTrust's patents in fact was novel or non-obvious or inventive, but rather to identify what was

D	
	Microsoft's Preliminary Construction
	2. This claim limitation's recitation of "said" copy control is inconsistent with the claim limitation "at least one" copy control.
if said copy control allows at least a portion of said digital file to be copied and	1. This "if" condition creates two branches for the recited process, each of which must be performed. Each time the "if" condition is met, all four of the later-recited actions (copying, transferring, storing, playing) must occur. Each time it is not met, each of these four actions must be prohibited and incapable of occurring.
stored on a second device	2. This "if" condition is met if and only if "said" copy control allows any portion of the digital file to be copied and also allows that same portion of the file (as opposed to the copy) to be stored on any second device. This "if" condition is based entirely on "said copy control" and thus is met, as above, even if other VDE control(s) prohibit those actions.
	3. This claim limitation's recitation of "copy control allows at least a portion" is inconsistent with the claim limitation "whether said digital file may be copied based on at least said copy control."
copying at least a portion of said digital file	1. Copying at least some portion of the digital file (as opposed to a copy thereof), by executing VDE control(s) within VDE Secure Processing Environment(s). This copied "portion" may or may not be (or even include) the portion referred to in the claim limitation "if said copy control allows at least a portion."
transferring at least a portion of said digital file to a second device	1. Transferring to some second device (which may or may not be the "second device" referred to in the claim limitation "if said copy control allows at least a portion of said digital file to be copied and stored on a second device") at least some portion of the digital file (as opposed to a copy thereof), by executing VDE control(s) within VDE Secure Processing Environment(s). This transferred portion may or may not be (or even include) the portion referred to in the claim limitation "copying at least a portion," or the portion referred to in the claim limitation "copying at least a portion."
storing said digital file	<ol> <li>Storing the entire digital file received in the "receiving" step (as opposed to a copy of the file or an incomplete portion of the file).</li> <li>This claim limitation's recitation of "storing said digital file" is inconsistent with the claim limitation "transferring at least a portion of said digital file."</li> </ol>
193:11	Claim as a Whole: The recited method is performed within a VDE.
receiving a digital file	1. This claim language falls within 35 U.S.C. § 112, ¶ 6. It recites a step or result ("receiving") without reciting an action that achieves that result. The specification does not clearly link any particular action to this recited step. Part of the recited function is performed by Communications Controller 666, I/O Controller 600, SPE 503/SPU 500 (particularly "SPU Encryption/Decryption Engine 522" and NVRAM 534b).
	2. The recited function requires: obtaining a VDE secure container encapsulating a digital file, authenticating the intended recipient in accordance with VDE controls associated with the secure container, and accepting the secure container.
determining whether said digital file may be copied	1. Determining whether said first control, by itself, allows this particular first device to perform both of the following actions on this particular digital file: (1) copy it and (2) store it (as opposed to a copy of it) on a second device, by executing the first VDE control within VDE Secure Processing

Page 2 of 15

Page 3 of 15

Claim Phrase	Microsoft's Preliminary Construction
	<ol> <li>This claim limitation's recitation of "storing said digital file" is inconsistent with the claim limitation "transferring at least a portion of said digital file."</li> </ol>
193:15	Claim as a Whole: The recited method is performed within a VDE.
receiving a digital file	1. See 193:11. This step must proceed in both "authentication branches" of the process (i.e., regardless of the outcome of the "authentication" eren)
an authentication step comprising:	1. Authenticating the first device and/or user of the first device without relying on trusting either, by executing VDE control(s) within VDE Secure Processing Environment(s).
accessing at least one identifier associated with a first device or with a user of said first device	1. Securely accessing at least one identifier associated with a single ("first") device or (as opposed to "and") with a single, current user of that device, by executing VDE control(s) within VDE Secure Processing Environment(s). One of the "at least one identifier" may be associated with a first device while another of the "at least one identifier" may be associated with a user of said first device.
determining whether said identifier is associated with a device and/or user authorized to store said digital file	1. For each accessed "at least one identifier," determining whether the device with which it is associated is one on which the file may be stored (by any user) and/or whether the user with which it is associated is one who may store the file (on any device), by executing VDE control(s) within VDE Secure Processing Environment(s). Each identifier may be associated with a device "and" a user, or with a device only, or with a user only.  2. This claim limitation's recitation of "said identifier" is inconsistent with the claim limitation "at least one identifier."
storing said digital file in a first secure memory of said first device, but only if said device and/or user is so authorized, but not proceeding with said storing if said device and/or user is	1. This conditional step creates at least two "authentication" branches for the recited process, each of which must be performed. Each time the condition is met, the recited "storing" must not occur.  2. If "storing" proceeds, then: storing in a secure memory of the first device, the entire file received in the "receiving" step, as opposed to a copy of the file or an incomplete portion of the file, by executing VDE control(s) within VDE Secure Processing Environment(s). If "storing" does not proceed: then the file is not stored in the secure memory of the first device, and is absolutely prevented from being stored anywhere on the first device.
not authorized	3. This limitation is internally inconsistent on the circumstances under which the storing proceeds or does not proceed. For example, the first ("only if") phase requires that the storing step proceeds if the device is authorized (and the user is not) while the second ("but not") phase requires that the storing step not proceed if the device is authorized (and the user is not).
storing information associated with said digital file in a secure database stored on said first device, said information including	1. Storing information in a secure database, the entirety of information (including the "at least one control") being associated with the digital file (as opposed to the file's contents independent of the file), by executing VDE control(s) within VDE Secure Processing Environment(s).  2. This step must proceed in both "authentication branches" of the process (i.e., regardless of the outcome of the "authentication" step).

Page 4 of 15

		g actions ol," by is not irform it		, each of time it	portion s is met,			tion		ontrol reof), by portion at least		
Microsoft's Preliminary Construction		1. Determining whether the "at least one control," by itself or themselves, allow(s) this particular first device to perform both of the following actions on this particular digital file: (1) copy it and (2) store it (as opposed to a copy of it) on a second device, by executing "said at least one control," by executing the "at least one." VDE control within VDE Secure Processing Environment(s). To the extent that either the copy or store action is not determined by this step to be permissible, that action is absolutely prohibited and incapable of occurring, and no user, process or device can perform it on this digital file.	2. This step must proceed in both "authentication branches" of the process (i.e., regardless of the outcome of the "authentication" area)	1. This "if" condition creates two branches for each of the two "authentication branches" of the recited process (and thus four branches in all), each of which must be performed. Each time it is met, all four of the later-recited actions (copying, transferring, storing, rendering) must occur. Each time it is not met, each of these four actions must be prohibited and incapable of occurring.	2. This "if" condition is met if and only if the at least one control allows any portion of the digital file to be copled and also allows that same portion of the file (as opposed to the copy) to be stored on any second device. This "if" condition is based entirely on the at least one control and thus is met, as above, even if other VDE controls prohibit those actions.	3. This step must proceed in both "authentication branches" of the process (i.e., regardless of the outcome of the "authentication" step)	4. This claim limitation's recitation of "at least one control allows at least a portion of said digital file" is inconsistent with the claim limitation "whether said digital file may be copied based on said at least one control."	1. Copying at least some portion of the digital file (as opposed to a copy thereof), which portion may or may not be (or even include) the portion referred to in the claim limitation "if said at least one control allows at least a portion," by executing VDE control(s) within VDE Secure Processing Environment(s).	2. This step must proceed in both "authentication branches" of the process (i.e., regardless of the outcome of the "authentication" step).	1. Transferring to some second device (which may or may not be the "second device" referred to in the claim limitation "if said at least one control allows at least a portion of said digital file to be copied and stored on a second device") at least some portion of the digital file (not a copy thereof), by executing VDE control(s) within VDE Secure Processing Environment(s). The transferred portion may or may not be (or even include) the portion referred to in the claim limitation "if said at least one control allows at least a portion," or the portion referred to the claim limitation "copying at least a portion."	2. This step must proceed in both "authentication branches" of the process (i.e., regardless of the outcome of the "authentication" step).	1. Storing the entire digital file received in the "receiving" step (as opposed to a copy of the file or an incomplete nortion of the file.)
Claim Phrase	at least one control .	determining whether said digital file may be copied and stored on a second device based on said at least one control		if said at least one control allows at least a portion of said digital file to be copied	and stored on a second device,			copying at least a portion of said digital file		transferring at least a portion of said digital file to a second device		storing said digital file

Page 6 of 15

Microsoft's Preliminary Construction	executing VDE control(s) within VDE Secure Processing Environment(s).	1 Determining whether the first control, by itself, allows this particular first device to perform both of the following actions on this particular digital file: (1) copy it and (2) store it (as opposed to a copy of it) on a second device, by executing the first VDE control within VDE Secure Processing ited  Environment(s). To the extent that either the copy or store action is not determined by this step to be permissible, that action is absolutely prohibited and incapable of occurring, and no user, process or device can perform it on this digital file.	t 1. This "if" the later-rec and incapab	2. This "if" condition is met if and only if the first control allows any portion of the first digital file to be copied and also allows that same portion of the file (as opposed to the copy) to be stored on any second device. This "if" condition is based entirely on the first control and thus is met, as above, even if other VDE controls prohibit those actions.	3. This claim limitation's recitation of "first control allows at least a portion of said first digital file" is inconsistent with the claim limitation "whether said first digital file may be copied on a second device."		1. Transferring to some second device (which may or may not be the "second device" referred to in the claim limitation "if said first control allows at least a portion of said digital file to be copied and stored on a second device" at least some portion of the digital file (not a copy thereof), by executing VDE control(s) within VDE Secure Processing Environment(s). The transferred portion may or may not be (or even include) the portion referred to the above limitation "if said first control allows at least a portion," or the portion referred to the above limitation "copying at least a portion."	I file 1. Storing the "at least a portion" which was transferred to the second device, of the digital file received in the "receiving" step (as opposed to a copy of the file).	Claim as a Whole: The "system" is a VDE.		er 1. The "first secure container" must identify the single apparatus from which it was received, and that apparatus must be different from the first rom a apparatus. Alternatively, if the Court does not construe this claim language as requiring the "first secure container" to identify the single apparatus
Claim Phrase	in a memory of said first device	using said first control to determine whether said first digital file may be copied and stored on a second device	if said first control allows at least a portion of said first digital file to be copied and stored on a second devices			copying at least a portion of said first digital file	transferring at least a portion of said first digital file to a second device including a memory and an audio andor video output	storing said first digital file portion	.683:2	user controls	the first secure container having been received from a

Page 7 of 15

Claim Phrase	Microsoft's Preliminary Construction
second apparatus	from which it was received: This claim language has no patentable weight. It recites a step taken in the creation of the recited system, not a structural or functional characteristic of the system. One studying a particular system (as opposed to the process by which it was created) to compare it to the claimed system, could not distinguish a secure container received from another apparatus from, e.g., a secure container created on the first apparatus, and thus could not determine whether this step was satisfied.
	2. Receiving the secure container includes authenticating the intended recipient in accordance with VDE controls associated with the secure container may be received as bar codes in a fax transmission, or filled ovals on a form delivered through a hundred through a bar codes in a fax transmission, or filled ovals on a form delivered through a hundred through a bar codes in a fax transmission, or filled ovals on a form delivered through a bar codes in a fax transmission, or filled ovals on a form delivered through the secure contains a secure cont
an aspect of access to or use of	1. Any one (as opposed to more than one) aspect of any access to or (as opposed to "and") use by any and all processes, users, and devices.
the first secure container rule having been received from a third apparatus different from said second	1. The "first secure container rule" must have been received encapsulated within a VDE secure container, and the intended recipient must have been authenticated in accordance with VDE controls associated with the secure container, and the "first secure container rule" must have been accepted by the first apparatus. The "first secure container rule" must identify the single apparatus from which it was received, and that apparatus must be different from the first apparatus.
apparatus	2. Alternatively, if the Court does not construe this claim language as requiring the "first secure container" to identify the single apparatus from which it was received: This claim language has no patentable weight. It recites a step taken in the creation of the recited system, not a structural or functional characteristic of the system. One studying a particular system (as opposed to the process by which it was created) to compare it to the claimed system, could not distinguish a secure container rule received from another apparatus from, c.g., a secure container rule created on the first apparatus, and thus could not determine whether this step was satisfied.
hardware or software used for receiving and opening secure containers	1. This claim language falls within 35 U.S.C. § 112, ¶ 6. It recites an undefined mechanism ("hardware or software") for performing a function (e.g., "opening") without reciting particular structure that performs that function. The specification does not clearly link any particular structure to this recited function. Part of the recited function is performed by Communications Controller 666, I/O Controller 600, SPE 503/SPU 500 (particularly "SPU Encryption Engine 522" and NVRAM 534b).
	2. The recited function requires: the same single logical piece of either hardware or software (as opposed to both) must be capable of both receiving and opening secure containers, this "receiving" including authenticating the intended recipient in accordance with VDE controls associated with the secure container, and this "opening" performed by executing VDE control(s) within VDE Secure Processing Environment(s).
said secure containers each including the capacity to contain a governed item, a	<ol> <li>Each secure container which the "hardware or software used for receiving and opening secure containers" is capable of receiving and opening must have the capacity to contain a governed item, and must have associated with it (as opposed to any particular governed item) a secure container rule.</li> </ol>
secure container rule being associated with each of said secure containers	

Page 8 of 15

			т				$\neg$	
Microsoft's Preliminary Construction			PII	, juli	1. This cla "transmiss recited fun "SPU Encr	2. The recited function requires: a single logical piece of either hardware or software (as opposed to both) is capable of both transmission and receipt of secure containers, this receipt including authenticating the intended recipient in accordance with VDE controls associated with the secure container. This "hardware or software" is separate from and in addition to the first apparatus, the recited protected processing environment, and the recited "hardware or software used for receiving and opening secure containers." The transmission and receipt of the secure containers may be via bar codes in a fax transmission, or filled ovals on a form delivered through physical mail. This "hardware or software" performs its functions by executing VDE control(s) within VDE Secure Processing Environment(s).	-	1. Digitally signing a particular ("first") load module by using a first digital signature as the signature key, which signing indicates to any and all devices in the first device class that the signor authorized this load module for use by that device. No VDE device can perform any execution of any load module without such authorization. The method ensures that the load module cannot execute in a particular device class and ensures that no
Claim Phrase	protected processing environment at least in part protecting information contained in said protected processing environment from the processing environment from the processing environment from the processing environment from the processing environment processing environment from the pr	said first apparatus hardware or software used	for applying said first secure container rule and a second secure container rule in combined for the second combination to at leaft.	part govern at least one aspect of access to or use of a governed item contained in a secure container	hardware or software used for transmission of secure containers to other apparatuses or for the regard of secure for the secur	from other apparatuses.	<u>'721:1</u>	digitally signing a first load module with a first digital signature designating the

Page 9 of 15

Page 10 of 15

Claim Phrase	Merangha Proliminany Commencia
space having a second tamper resistant barrier with	2. "The same executable accessed by": the same executable (as opposed to, e.g., two copies of the same executable) is simultaneously accessed by both the first secure execution space and the second secure execution space.
a second security level different from the first security level	3. "Prevents the first secure execution space from executing": the arrangement prevents the first secure execution space, otherwise capable of executing the executable, from executing any part of the executable (e.g., on behalf of any user, process, or device).
861:58	Claim as a Whole: The recited method is performed within a VDE.
creating a first secure	1. This preamble language is a claim limitation.
container	2. Completely forming (as opposed to defining) a secure container within a VDE Secure Processing Environment(s).
including or addressing organization information	1. The same single descriptive data structure must either contain within its confines or address both organization information and metadata information.
desired organization of a	2. Both the "desired" organization of the content section and also the "desired" ctan and "d
metadata information at	3. The metadata information specifies a procedure, as opposed to a result or a data item.
least in part specifying at	
desired in creation of said	
first secure container	
at least in part determine	1. The metadata information is used to determine the specific value, not merely the kind, of at least some of the information that must be mared
required to be included in	IIISIGE UIE SCCUFE CONTAINET.
said first secure container	2. The use of the metadata information actively requires the secure container creation steps to add this specific information to the first secure container, as opposed to the specific information being within the secure container for some other reason.
rule designed to control at	1. A rule designed for these particular secure container contents, which is used (by VDE control(s) executing in VDE Secure Processing
or use of at least a portion of	EDITIONMENT(3)) to limit access to or use of at least a portion of the contents of the first secure container (by all users, processes, and devices). Without compliance with this rule, no process, user, or device is able to take the controlled aspect of the controlled aspect of the
contents	
1:168,	Claim as a Whole: The recited method is performed within a VDE.
resource processed in a	1. This preamble language is a claim limitation.
secure operating	2. A component part of a first appliance's secure operating environment which is processed within that escure onese than secure of the sec
	- Respondent to the state of th

Page 11 of 15

Claim Phrase	Microsoft's Preliminary Construction
cavionment at a first appliance	purpose Secure Processing Unit. A Secure Processing Unit is a special-purpose unit isolated from the rest of the world in which a hardware tamper-resistant barrier encapsulates a processor and internal secure memory. The barrier prevents all unauthorized interference, removal, observation, and use of the information and processes within it. The processor cryptographically verifies the integrity of all code loaded from the secure memory prior to execution, executes only the code that the processor has authenticated for its use, and is otherwise secure.
securely receiving a first entity's control at said first appliance	1. This claim language falls within 35 U.S.C. § 112, ¶ 6. It recites a step or result ("securely receiving") without reciting an action that achieves that result. The specification does not clearly link any particular action to this recited step. Part of the recited function is performed by Communications Controller 666, I/O Controller 600, SPE 503/SPU 500 (particularly "SPU Encryption/Decryption Engine 522" and NVRAM 534h.
	2. The recited function requires: A first appliance obtaining a VDE secure container encapsulating a control created, selected, or modified by a first entity, as part of a communication encrypted on the communications level, authenticating the first appliance in accordance with VDE controls associated with the secure container, and accepting the secure container.
securely receiving a second entity's control at said first appliance	1. This claim language falls within 35 U.S.C. § 112, ¶ 6. It recites a step or result ("securely receiving") without reciting an action that achieves that result. The specification does not clearly link any particular action to this recited step. Part of the recited function is performed by Communications Controller 666, I/O Controller 600, SPE 503/SPU 500 (particularly "SPU Encryption/Decryption Engine 522" and NVRAM 534h).
	2. The recited function requires: A first appliance obtaining a VDE secure container encapsulating a control created, selected, or modified by a second entity, as part of a communication encrypted on the communications level, authenticating the first appliance in accordance with VDE controls associated with the secure container, and accepting the secure container.
securely processing a data item at said first appliance, using at least one resource	1. Performing an operation, inside the special-purpose Secure Processing Unit of the first appliance, on a data item inside the Secure Processing  Unit. The operation cannot be observed from outside the SPU and is performed only after the Integrity of the program code for performing such operation is cryptographically verified. A Secure Processing Unit is a special-purpose unit isolated from the rest of the world in which a hardware tamper-resistant barrier encapsulates a processor and internal secure memory. The barrier prevents all unauthorized interference, removal, observation, and use of the information and processes within it. The processor cryptographically verifies the integrity of all code loaded from the secure memory prior to executes only the code that the processor has authenticated for its use, and is otherwise secure.
securely applying, at said first appliance through use of said at least one resource said first entity's control and said second entity's control to govern use of said data item	1. Processing the resource (component part of a first appliance's secure operating environment) within the secure operating environment's special-purpose Secure Processing Unit to execute the first control and second control in combination within the SPU. This execution of these controls governs all use of the data item by all users, processes, and devices. The processing of the resource and execution of the controls cannot be observed from outside the SPU and is performed only after the integrity of the resource and controls is cryptographically verified. A Secure Processing Unit is a special-purpose unit isolated from the rest of the world in which a hardware tamper-resistant harrier encapsulates a processor and internal secure memory. The barrier prevents all unauthorized interference, removal, observation, and use of the information and processes within it. The processor cryptographically verifies the Integrity of all code loaded from the secure memory prior to execution, execution, the code that the processor has authenticated for its use, and is otherwise secure.

Page 12 of 15

	Т	1	$\top$	T		Т			. ]		T -	$\overline{}$
Microsoft's Preliminary Construction	Claim as a Whole: The 'virtual distribution environment" is VDE.			1. The tamper resistant software is capable of being loaded into only said main memory and is capable of being executed only by said central processing unit.	1. The tamper resistant software within said mass storage includes one or more storage locations within it. These storage locations are designated to store, and must store, information derived by the machine check programming, and must not store any other information.	1. Deriving from the host processing environment hardware one or more values that uniquely and persistently the side.	environm	2. The "one or more aspects of said bost processing environment" are distinguishing components or parts of the host processing environment itself, as opposed to, e.g., data or programs stored within the mass storage or main memory, or processes executing within the host processing environment.	1. One or more logical storage locations within the tamper resistant software storing only information derived by the machine check programming.	1. Any information once stored in said "one of more storage locations storing said information," but not stored therein when the recited comparison occurs.	1. Producing an indication based solely on the result of the "compares" step. There are only two possible indications: the comparison found an exact match, or it did not. The "indication" need not be displayed to a user.	1. Executable programming code that is a part of the tamper resistant software, when executed, and not a part of the host processing environment. Whenever the recited indication is generated, no matter what it indicates, this code (executing on the CPU for which it was designed
Claim Phrase	.900:155	lust host processing environment comprising	said mass storage storing tamper resistant software	designed to be loaded into said main memory and executed by said central processing unit	said tamper resistanti software comprising: one or more storage locations storing said information	derives information from	one or more aspects of said	environment,	one or more storage locations storing said information	information previously stored in said one or more storage locations	generates an indication based on the result of said comparison	programming which takes one or more actions based

Page 13 of 15

Claim Phrase on the state of said indication	Microsoft's Preliminary Construction and loaded in the memory for which it was designed) must take an action, or more than one action. The particular action(s) taken must be based solely on the state of that indication.
at least temporarily halting further processing	1. The action(s) taken by this programming must encompass halting or temporarily halting all further processing of the host processing environment and any processes running within it.
identifying at least one	Learn as a whole: The recited method is performed within a VDE.  1. Defining fully, without reference to any other information, at least one of the persistent features (aspects) of an execution space that are required
required for use and/or execution of the load module	tot any use, and/or for any execution, of the load module. An execution space without all of those required aspects is incapable of making any such use (e.g., copying, displaying, printing) and/or execution of the load module.
said execution space identifier provides the	1. The execution space identifier, by itself, provides the load module with the capability of determining the persistent level of security of any execution space in which it is loaded, and of distinguishing between any two execution spaces have on their execution.
capability for distinguishing between execution spaces providing a higher level of	just occasional) "levels of security." This capability extends to at least two execution spaces providing a higher level of security and at least two execution spaces providing a higher level of security and at least two
security and execution spaces providing a lower	
level of security	Refere evention and executed a
validity prior to performing said executing step	pervice executing any executable programming encompassed within any element which is directly or indirectly identified by any information contained within the first record, evaluating, within a VDE Secure Processing Environment, the values and formats of all data fields within the first record and confirming that they have legitimate values and formats.
<u> 912:35</u>	Claim as a Whole: The recited method is performed within a VDE.
received in a secure container	1. The first processing environment obtained a VDE secure container encapsulating the record inside, and authenticated the intended recipient in accordance with VDE controls associated with the secure container,
said component assembly allowing access to or use of specified information	1. The component assembly identifies specific information over which it (by itself and with no other information), executing in a VDE Secure Processing Environment, allows access or use (as opposed to access "and" use). Unless allowed by the component assembly, no user, process, or device is able to access or use the specified information. The component assembly is associated with and dedicated to this particular specified information.
said first component	1. The first record by itself contains sufficient information to unambiguously identify the assembled component assembly, including all of its

.;

Page 14 of 15

-		or more
Microsoft's Preliminary Construction		s limitation is inconsistent with the recitation "first record containing identification information directly or indirectly identifying one or more ats of first component assembly."
	elements.	2. This limitation elements of first
Claim Phrase	assembly specified by said	first record